

**ABSTRACT**

Described are methods of detecting G-protein coupled receptor (GPCR) activity in vivo and in vitro; methods of assaying GPCR activity; and methods of screening for  
5 GPCR ligands, G protein-coupled receptor kinase (GRK) activity, and compounds that interact with components of the GPCR regulatory process. Constructs useful in such methods are described.

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